EKTA SAJWAN

Software Developer

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SUMMARY

- Software Developer with a B.Tech in Computer Science and engineering, experienced in building end-to-end software solutions using modern front-end and back-end technologies. Proficient in developing user-friendly interfaces with React and implementing scalable server-side applications using Node.js. Currently working as a Software Developer at PPS International, where I contribute to software development activities including requirement analysis, system-level understanding, and implementation of reliable solutions. I enjoy collaborating with cross-functional teams and delivering clean, efficient, maintainable software and Architecture .

EXPERIENCE

Software Engineer in R&D

PPS International

📅 09/2024 - Present   📍 Noida, India

Offline work as a GET in R&D

- Worked on low-level hardware communication protocols such as UART, I2C, and RS485
- Contributed to file sharing mechanisms across embedded systems
- Developed efficient solutions using C and C++
- Analyzed and implemented software requirements based on ICD (Interface Control Document)
- Studied and validated testbench architecture of complete infrastructure
- Analyzed software design and technical documents to align development tasks with system requirements and project timelines.

Full Stack Developer

GearsSmith Ecommerce

📅 02/2024 - 03/2024   📍 Remote Work

Remote work as a full stack developer

- Contribute developing the backend by using Node.js and Express.js
- Managed the database using MySQL

Full Stack Developer

College Navigation Platform

📅 03/2024 - 06/2024   📍 Offline Work

Offline work as a full stack developer

- Developed a college navigation app using React Native for cross-platform compatibility
- Integrated Palladium for real-time navigation and Firebase for authentication and notifications
- Utilized Node.js with Express for the backend and MongoDB for database management

EDUCATION

B.Tech

Institute of Technology Gopeshwar

📅 08/2020 - 06/2024

SKILLS

Group Title

GitHub   React   Node.js   Excel

MongoDB   UART   Html   Css

IC2 protocols   RS232   RS485

TCP/UDP   C/C++   Python

Linux   Prompt